



FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.

1489.1001/MJH

APPLICATION NO.

09/826,420

## LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

FIRST NAMED INVENTOR

James E. McGowan, Jr.

FILING DATE

April 5, 2001

GROUP ART UNIT

To be assigned

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
MRC	AA	3,069,734	11/24/58	Leuthner	422	78	Nov 24 1958
MRC	AB	3,486,295	2/13/67	Rausing et al.	53	89	Feb 13 1967
MRC	AC	3,725,003	4/3/73	Moore et al.	422	58	—
MRC	AD	3,735,551	5/29/73	Pratt	53	22A	Dec. 20 1971
MRC	AE	3,830,365	8/20/74	Krueger et al.	206	471	Oct. 19 1972
MRC	AF	3,936,270	2/3/76	Gunther	422	91	June 13 1972
MRC	AG	3,939,287	2/17/76	Orwig et al.	426	316	June 17 1974
MRC	AH	3,954,406	5/4/76	Chamberlain	422	57	Mar 14 1972
MRC	AI	4,041,203	8/9/77	Brock et al.	428	157	Oct. 4 1976
MRC	AJ	4,066,399	1/3/78	Gunther	422	58	Sept. 26 1975
MRC	AK	4,148,933	4/10/79	Janovtchik	426	402	Aug 30 1977
MRC	AL	4,250,143	2/10/81	Bryan et al.	422	109	June 8 1979
MRC	AM	4,294,804	10/13/81	Baran	422	112	June 25 1980
MRC	AN	4,329,829	5/18/82	Torterotot	53	426	Mar. 31 1980

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
MRC	AO	1 501 802	2/22/78	United Kingdom	—	—	✓	
MRC	AP	0 182 553	5/28/86	EPO	—	—	✓	

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

MRC	AQ	Multivac Packing Machines, Pin Gas Flushing System for Uniform Gas Distribution, Multivac, Inc. 1998
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EXAMINER

Morgan R. Charlif

DATE CONSIDERED

06/30/03

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MRL	BA	4,332,122	6/1/82	Williams	53	425	June 23 1980
MRL	BB	4,342,730	8/3/82	Perrotta	423	215.5	Apr. 23 1981
MRL	BC	4,372,098	2/8/83	Mason	53	412	May 5 1981
MRL	BD	4,622,800	11/18/86	Turtschan	53	425	June 26 1985
MRL	BE	4,656,813	4/14/87	Baldini et al.	53	410	Nov. 7 1984
MRL	BF	4,673,506	6/16/87	Henne et al.	210	636	Nov. 25 1985
MRL	BG	4,681,739	7/21/87	Rosenblatt et al.	422	37	Apr. 18 1984
MRL	BH	4,708,849	11/24/87	Mielnik, Jr. et al.	422	26	Jul. 2 1984
MRL	BI	4,770,851	9/13/88	Joslyn	422	26	Jul. 7 1986
MRL	BJ	4,777,780	10/18/88	Holzwarth	53	432	Dec. 1 1987
MRL	BK	4,954,284	9/4/90	Batt et al.	252	170	Aug. 30 1989
MRL	BL	5,000,918	3/19/91	Mebes	422	34	Aug. 28 1987
MRL	BM	5,069,017	12/3/91	Fabricius	53	426	Jul. 11 1990
MRL	BN	5,082,636	1/21/92	Andersen	422	294	Oct. 4 1989

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
MRL	BO	824.786	5/15/75	Belgium	—	—		(X)
MRL	BP	WO96/09210	3/28/96	WIPO	—	—	abstr	

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

MRL	BQ	Technical Information Report, Ethylene Oxide Sterilization Equipment, Process Considerations, and Pertinent Calculations, AAMI Tir No. 15-1997
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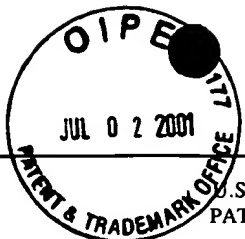
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*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
MRL	CA	5,135,715	8/4/92	Andersen	422	28	Sep. 4 1991
MRL	CB	5,160,700	11/3/92	Anderson et al.	422	34	Jan. 2 1991
MRL	CC	5,223,217	6/29/93	Frizziero	422	26	Jan. 29 1991
MRL	CD	5,271,207	12/21/93	Epstein et al.	53	432	Nov. 18 1992
MRL	CE	5,427,738	6/27/95	Galloway	422	26	Apr. 8 1994
MRL	CF	5,474,738	12/12/95	Nichols et al.	422	26	Oct. 21 1993
MRL	CG	5,749,203	5/12/98	McGowan, Jr.	53	432	Sep. 23 1994
MRL	CH	2,938,766	5/31/60	Hall	422	58	Jan. 21 1958
MRL	CI	3,283,469	11/8/66	McBrady et al.	53	22	Mar. 19 1963
MRL	CJ	3,026,791	3/27/62	Wegener	99	356	Mar. 17 1958
MRL	CK	3,469,364	9/30/69	Bischoff	53	37	May 15 1967
MRL	CL	3,938,659	2/17/76	Wardwell	206	439	Jun. 24 1974
MRL	CM	4,034,536	7/12/77	Mahaffy et al.	53	22 A	Nov. 26 1976
MRL	CN	4,058,953	11/22/77	Sanborn, Jr. et al.	53	22 A	July 26 1976

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
MRL	CO	WO96/35868	11/14/96	WIPO	—	—	Abstract	
MRL	CP	1017527	9/20/77	Canada	—	—	✓	

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

MRL	CQ	Standard Test Method for Determining Gas Permeability Characteristics of Plastic Film and Sheeting, pp206-217
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MRL	DA	4,121,714	10/24/78	Daly et al.	206	363	Mar. 23 1987
MRL	DB	4,543,770	10/1/85	Walter et al.	53	511	Mar. 1 1983
MRL	DC	4,567,713	2/4/86	Natterer	53	433	May 14 1984
MRL	DD	4,777,782	10/18/88	Nixon, Jr. et al.	53	433	Jun 5 1987
MRL	DE	4,831,811	5/23/89	Nixon, Jr. et al.	53	433	Jun. 17 1988
MRL	DF	5,302,358	4/12/94	Andersen et al.	422	305	Jan. 15 1993
MRL	DG	4,937,046	6/26/90	Andersen et al.	422	34	Jan. 26 1988
MRL	DH	5,227,132	7/13/93	Andersen et al.	422	2	Dec. 12 1991
	DI						
	DJ						
	DK						
	DL						
	DM						
	DN						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
MRL	DO	1033143	6/20/78	Canada	—	—	✓	
MRL	DP	1034341	7/11/78	Canada	—	—	✓	

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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Morgan R. Chubij

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EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
MRC	FA	5,472,702 A	12/1995	Muth et al.	424	422	April 25 1994
	FB						
	FC						
	FD						
	FE						
	FF						
	FG						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
MRC	FH	2 769 289 A	4/1999	France	—	—		X
	FI							

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	FJ	
	FK	

EXAMINER <i>Morgan R. Charney</i>	DATE CONSIDERED <i>06/30/03</i>
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*EXAMINER MARK INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
MRC	EA	5,868,244	2/99	Ivanov et al.	206	63.3	Dec. 1, 1997
MRL	EB	4,678,640	7/87	Hamano et al.	422	56	Nov 18 '85
MRL	EC	3,630,665	12/71	Andersen et al.	422	58	Aug. 25 1969
MRL	ED	3,716,961	2/73	Cope et al.	422	58	Dec. 29 1970
MRL	EE	4,346,710	8/82	Thanawalla et al.	422	58	May 12 1980
	EF						
	EG						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
	EH							
	EI							

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	EK	

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